

## UTILÍTY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

1. [X] Fee Transmittal Form

Attorney Docke

1489.1001

S&H Form: PTO/SB/05 (2/01)

First Named Inventor or Application Identifier:

James E. McGwan, Jr.

Express Mail Label No.

| APPLICATION ELEMENTS                           |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
| See MPEP chapter 600 concerning utility patent |  |  |  |  |  |  |  |  |  |
| application contents.                          |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

ADDRESS TO:

**Assistant Commissioner for Patents Box Patent Application** Washington, DC 20231

| 2. | [X]   | Specification, Claims & Abstract [ Total Fages. 30 ]   |  |  |  |  |  |  |  |  |  |
|----|-------|--|--|--|--|--|--|--|--|--|--|
| 3. | [X]   | Drawing(s) (35 USC 113) [ Total Sheets: <u>12</u> ] [FIGS. <u>1-7D</u> ]   |  |  |  |  |  |  |  |  |  |
| 4. | [ ]   | Oath or Declaration  |  |  |  |  |  |  |  |  |  |
| 5. | []    | Verified Statement Claiming Small Entity Status  |  |  |  |  |  |  |  |  |  |
| 6. | [ ]   | Applicant Data Sheet. See 37 C.F.R. 1.76   |  |  |  |  |  |  |  |  |  |
| 7. | []    | CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)  |  |  |  |  |  |  |  |  |  |
| 8. | []    | <ul> <li>Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</li> <li>a. [] Computer Readable Form (CRF)</li> <li>b. [] Specification Sequence Listing on:         <ol> <li>i. [] CD-ROM or CD-R (2 copies); or</li> <li>II. [] paper</li> </ol> </li> </ul> |  |  |  |  |  |  |  |  |  |
|    |       | c. [ ] Statement verifying identity of above copies  |  |  |  |  |  |  |  |  |  |
|    |       | ACCOMPANYING APPLICATION PARTS   |  |  |  |  |  |  |  |  |  |
| 9. | []    | Assignment Papers (cover sheet & document(s))  |  |  |  |  |  |  |  |  |  |
| 10 | . []  | 37 CFR 3.73(b) Statement (when there is an assignee) [ ] Power of Attorney   |  |  |  |  |  |  |  |  |  |
| 11 | . [ ] | English Translation Document (if applicable)   |  |  |  |  |  |  |  |  |  |
| 12 | . [ ] | Information Disclosure Statement (IDS)/PTO-1449 [ ] Copies of IDS Citations  |  |  |  |  |  |  |  |  |  |
| 13 | . [ ] | Preliminary Amendment  |  |  |  |  |  |  |  |  |  |
| 14 | . [X] | Return Receipt Postcard (MPEP 503) (Should be specifically itemized)   |  |  |  |  |  |  |  |  |  |
|    |       | Certified Copy of Priority Document(s) (if foreign priority is claimed)  |  |  |  |  |  |  |  |  |  |
| 16 | . [ ] | Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent  |  |  |  |  |  |  |  |  |  |
| 17 | . [ ] | Other:   |  |  |  |  |  |  |  |  |  |
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18. CORRESPONDENCE ADDRESS



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PATENT TRADEMARK OFFICE

Staas & Halsey LLP

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|---------------------------------------|--|----------------|--|--------------|--|-------------------------------|-------------------|------------------|----------------|
|                                       |  |                | Attorney Docket No.  Application Number  Filing Date |              | 178  | 39.1001                       |                   | a.71 o (10/00    |                |
| NEW APPLICATION                       |  |                |  |              | New April 5, 2001                                  |                               |                   |                  |                |
| - FEE TRANSMITTAL  AMOUNT ENCLOSED \$ |  |                |  |              |  |                               |                   |                  |                |
|                                       |  |                | First Na   | med Inventor | James E. McGowan, Jr.                              |                               |                   |                  |                |
| 7.1.1001.1 2.1.0                      |  |                | CALCIII  |              |  | 1                             |                   |                  | <b>→</b>       |
| CLAIMS                                |  |                |  |              | ATION (fees effective 10/0 R FILED (3) NUMBER EXTR |                               | (4) RATE          | (5) CALCULATIONS |                |
| CLAIMS                                | TOTAL C  | <del></del>    | 32   | - 20 =       | 12   |                               | X \$ 18.00 =      | \$               | 216.00         |
|                                       | INDEPEN  | DENT CLAIMS    | 4  | - 3 =        | 1  |                               | X \$ 80.00 =      |                  | 80.00          |
|                                       | MULTIPL  | E DEPENDENT C  |  | + \$270.00 = |  |                               |                   |                  |                |
|                                       |  |                |  | _            | BASIC  | FII                           | LING FEE          |                  | 710.00         |
|                                       |  |                |  |              | Total o  | Total of above Calculations = |                   |                  | 1,006.00       |
|                                       | Surcharge for late filing fee, Statement or Power of Attorney (\$130.00) +   |                |  |              |  |                               |                   |                  |                |
|                                       | Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27 & 1.28).   |                |  |              |  |                               |                   |                  |                |
|                                       |  |                |  |              | TOTAL  | . FII                         | LING FEE =        | \$               | 1,006.00       |
|                                       | Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d))   |                |  |              |  |                               | +                 |                  |                |
|                                       | Recordation of Assignment (\$40.00; 37 CFR 1.21(h)(1))   |                |  |              |  |                               |                   | +                |                |
|                                       |  |                |  |              | TOTA   | AL I                          | EES DUE =         | \$               | 1,006.00       |
| · ·                                   |  |                | METH   | OD OF        | PAYMENT  |                               |                   |                  |                |
| [] Check end                          | closed as pa   | nyment.        |  |              |  |                               |                   |                  |                |
|                                       |  | ES DUE" to the |  |              |  |                               |                   |                  |                |
|                                       | ent is encloa  |                | ges to the D   | Deposit Acc  | count are authoriz                                 | ed at                         | this time (unless | specific         | cally required |
|                                       |  |                | GENERA   | L AUTH       | IORIZATION   | <b>V</b>                      |                   |                  |                |
| [X] If the aboverpaym                 | If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:   |                |  |              |  |                               |                   |                  |                |
| De                                    | Deposit Account No. 19-3935  |                |  |              |  |                               |                   |                  |                |
| De                                    | Deposit Account Name STAAS & HALSEY LLP  |                |  |              |  |                               |                   |                  |                |
| 1.16 (filin applicatio                | The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC § 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such |                |  |              |  |                               |                   |                  |                |

related application.

SUBMITTED BY: STAAS & HALSEY LLP 36,162\_ Reg. No. Typed Name Mark J. Henry Date Signature